

USAMMA globally manages medical logistics for strategic contingency programs. We provide medical equipment for Active Component, Army Reserve, and National Guard forces. We are the experts in logistics for military medical materiel.

USAMMA is a key component of the U.S. Army Medical Research and Materiel Command, directly contributing to the Army Medical Department's role in the Global War on Terrorism. We respond—fast—with innovative methods to deploy medical material to our Warfighters.

#### EQUIPMENT CATEGORIES ASSESSED BY THE TARA PROGRAM

- ♦ *X-ray, including urology and special procedures equipment*
- ♦ *Mammography*
- ♦ *Ultrasound*
- ♦ *Nuclear medicine*
- ♦ *Magnetic resonance imaging*
- ♦ *Radiation Oncology*
- ♦ *Computed tomography*
- ♦ *Clinical laboratory equipment*
- ♦ *Physiological Monitoring*
- ♦ *Lasers*
- ♦ *Pharmacy Robotics/Point of Use*
- ♦ *Endoscopy Systems*
- ♦ *Surgical microscopes*
- ♦ *Picture Archiving & Communication Systems (PACS)*

## “SUPPORT TO THE WARFIGHTER”

U.S. Army Medical Materiel Agency

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# USAMMA

## TARA

“TECHNOLOGY ASSESSMENT  
AND REQUIREMENTS  
ANALYSIS”



## TECHNOLOGY ASSESSMENT AND REQUIREMENTS ANALYSIS (TARA)

*Provides hospital commanders with the management information necessary to make informed decisions on the clinical and technological resources required to accomplish business plan missions*

### Assessment of Clinical Operations

- Conducted by OTSG consultants, i.e..radiology, laboratory, nursing and pharmacy, etc.
- Functional review of staffing
- Functional review of departmental operations
- Quality and risk management review
- Assessment of turnaround time for reports, fetch time for file retrieval when applicable, film repeat rate, and impact of digital technology

### Assessment of Requirements

- Determining workload requirements
  - ♦ Commercial utilization factors tempered by military unique factors are applied
  - ♦ Benchmarks developed to begin assessment
- Assessment of workload
  - ♦ Types of procedures
  - ♦ Standards of care
  - ♦ Catchments' area demographics

### Assessment of Technical Operations

- Operations in relation to equipment utilization
  - ♦ Procedural mix, staffing, and work schedule evaluation
  - ♦ Patient throughput
  - ♦ Risk management
- Acceptability and appropriate utilization of existing equipment

### Assessment of Equipment

- Technology life-cycle curve — Ensuring abandoned or obsolete technology is replaced
- Determining whether equipment meet standards for acceptability
- Evaluating proper equipment utilization
- Objective evaluation of maintenance of equipment

## USAMMA TARA PROGRAM

Supporting U.S. Army medical activities and Army medical centers for 15 years

Providing technology support consultation to radiology and clinical laboratory departments in U.S. Army Medical Treatment Facilities

Ensuring expertise and guidance for radiography, mammography, ultrasound, magnetic resonance imaging (MRI), computed tomography (CT), nuclear medicine, cardiology, angiography, interventional radiography, computed radiography (CR) readers, film processing (digital and analog), radiation oncology, physiological monitoring, integrated OR suites, lasers, pharmacy robotics, point-of-use systems and sterilizers

Providing assistance to centrally managed Medical Care Support Equipment (MEDCASE) and Super Capital Expense Equipment Program (SuperCEEP) funds to extend procurement dollars and minimize procurement time

Recognizing that our most important asset is the Warfighter!

## TARA BENEFITS

*Qualitative* — 5-year strategic equipment replacement plan to improve local and central management of equipment procurement and enhance patient care

*Quantitative* — Cost avoidance of about \$1.6 million per facility since 1995 (benefits vary with size of facility) by education in service and maintenance contracts, purchasing appropriate equipment, volume purchasing and reducing environmental hazards

## THE TARA PROCESS PROVIDES:

- ♦ Hospital Commanders, Regional Medical Command procurement managers, and the USAMEDCOM with appropriate information to make informed decisions
- ♦ Management information for CEEP budgets
- ♦ Market surveillance for new and developing technology
- ♦ Clinical expertise for equipment operations and clinical staff
- ♦ A comprehensive written report with 5-year strategic replacement plan for equipment
- Best management of resources
- Timely action with minimal disruption